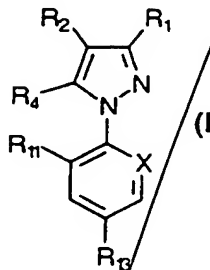


CLAIMS

1. Wood adhesive, characterized in that it comprises an insecticidal active material of formula (I):



5 in which:

R₁ is -CN or methyl;

R₂ is -S(O)_nR₃;

R₃ is alkyl or haloalkyl;

10 R₄ represents a hydrogen or halogen atom or an -NR₅R₆, -S(O)_mR₇, -C(O)R₇ or -C(O)O-R₇, alkyl, haloalkyl or -OR₈ radical or an -N=C(R₉)(R₁₀) radical;

15 R₅ and R₆ represent, independently of one another, the hydrogen atom or an alkyl, haloalkyl, -C(O)alkyl or -S(O)CF₃ radical or alternatively R₅ and R₆ can together form a divalent alkylene radical which can be interrupted by one or two divalent heteroatoms, such as oxygen or sulphur;

R₇ represents an alkyl or haloalkyl radical;

20 R₈ represents an alkyl or haloalkyl radical or a hydrogen atom;

R₉ represents an alkyl radical or a hydrogen

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R_{10} represents a phenyl or heteroaryl group optionally substituted by one or a number of halogen atoms or groups such as -OH, -O-alkyl, -S-alkyl, cyano or alkyl;

~~R₁₃ represents a halogen atom or a haloalkyl, haloalkoxy, -S(O)₂CF₃ or -SF₅ group;~~

X represents a trivalent nitrogen atom or a C-R₁₂ radical, the other three valencies of the carbon atom forming part of the aromatic ring;

2. Wood adhesive according to claim 1, in which the active material of formula (I) is such that R₁ is CN and/or R₃ is haloalkyl and/or R₄ is NH₂ and/or R₁₁ and R₁₂ are, independently of one another, a halogen atom and/or R₁₃ is haloalkyl.

4. Wood adhesive according to ~~one of the~~ ^{claim 3}
~~preceding claims~~, comprising an amount of product of

formula (I) which is effective against insects, in particular termites.

5 5. Wood adhesive according to ^{Claim 4} ~~one of the preceding claims~~, which is based on thermoplastic resin.

6. Wood adhesive according to claim 5, which is based on thermoplastic vinyl resin.

10 7. Wood adhesive according to ~~one of~~ claim 5 ~~and 6~~, which is based on ethylene-vinyl acetate copolymer.

8. Wood adhesive according to ^{Claim} ~~one of claims 1 to 4~~, which is based on thermosetting resin.

15 9. Wood adhesive according to claim 8, which is based on thermosetting phenol-formaldehyde resin.

10. Wood adhesive according to ^{Claim} ~~one of claims 8 and 9~~, which is based on resorcinol-formaldehyde resin.

20 11. Wood adhesive according to ^{Claim 10} ~~one of the preceding claims~~, comprising an amount of product of formula (I) of between 0.5 and 150 g/l, preferably of between 5 and 50 g/l.

25 12. Wood-based material bonded with an adhesive comprising an amount of insecticidal active material of formula (I), as defined in ^{Claim} ~~one of claims 1 to 3~~, which is effective against insects, in particular termites.

13. Wood-based material according to claim

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12, composed of a plurality of wood particles bonded to one another by an adhesive comprising an insecticidal active material of formula (I) as defined in ~~one of~~ ^{Claim} ~~claims 1 to 3.~~

5 14. Wood-based material according to claim 12, composed of a plurality of flat wood layers bonded to one another by an adhesive comprising an insecticidal active material of formula (I) as defined in ~~one of claims 1 to 3.~~ ^{Claim}

10 15. Material according to one of the preceding claims, comprising an amount of product of formula (I) as defined in ~~one of claims 1 to 3~~ ^{Claim 14} of between 0.05 and 15 g/m², preferably of between 0.5 and 5 g/m².

15 16. Material according to ~~one of claims 12 to 15,~~ ^{Claim} based on wood bonded by an adhesive according to claims 4 to 10.

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